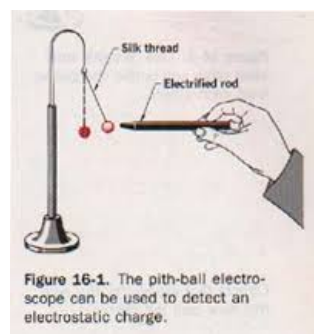


Welcome!!!

H. Leslie Grebe

SECA Physics
Friday 30 January 2015

- * Pick up:
 - slip of paper (for later)
 - worksheet



Opening question:

Why would a neutral ball be attracted to a charged plastic pipe?

Centering

Sep 7-7:04 AM

Outrageous Acts of Science

A show about viral videos and the science that makes them possible...

Static Cat

Natural Born Thrillers #8

1. Just watch
2. Read the questions
3. Watch again
4. Discuss
5. Watch a last time to catch anything you might have missed



Oct 4-7:27 AM

Review:

Conservation of Charge

means that the total charge STAYS the SAME

ON OUTSIDE = MOVEABLE

ELECTRONS are only **transferred**

you can't just get more charge from nothing

Three ways to "charge" something:

- Friction = rubbing
- Contact = transfer by touching (but no rubbing) **SHOCK**
- Induction = electrons rearranging on a conductor because of nearby charges

Feb 3-7:13 AM

"Life is like a box of chocolates"

"There are plenty of fish in the sea."

The like / opposite "smell" analogy

COLORFUL

~~Guys~~: don't like how other ~~guys~~ smell and try to move away

~~SHIRTS~~ DO like how ~~women~~ smell and try to move closer

BLACK

~~Women~~: don't like how other ~~women~~ smell and try to move away

~~SHIRT~~ DO like how ~~guys~~ smell and would move closer if they could but are stuck in their chairs

People are on little boats (?) surrounded by acid (?)

Smell goes as...

Conductor /
Insulator

Feb 3-7:07 AM

Practice!

Worksheet

Do # 31, 32, 33, 36 (39 & 41 if you have time)

Catchy Physics Phrases

Feb 3-7:31 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

No CP Homework

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. In our "smell" analogy, who were the electrons?

- A. the ones who moved
- B. the ones who stayed in their seats
- C. they were all like the electrons

2. True of False: Conservation of charge means that electrons are only transferred so the total charge stays the same.

3. If you transfer electrons from your hair to a comb, are you positively or negatively charged?

Jan 3-7:48 AM